

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7256-1595:104 Page 1 of 1

**CATEGORY:** Single/Multiple Station Smoke Detector-Ionization

**LISTEE:** Invensys Climate Controls Americas, 191 E. North Ave., Carol Stream, IL 60188-2064  
Contact: Tom Barakat (630) 260-7262 Fax (630) 260-7290

**DESIGN:** Models FIREX AD, ADC and FADC single/multiple station, 120 V AC operated with 9VDC battery back-up, ionization type smoke detectors. Model ADC and FADC contain additional circuitry to provide a "Hush" (alarm silence) feature. The maximum number of interconnected detectors is 18. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 120 VAC primary, 9 VDC Battery back-up

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating and UL label.

**APPROVAL:** Listed as single/multiple station, AC powered with battery back-up, ionization type smoke detectors.

These units can generate a distinctive temporal code pattern fire alarm signal in accordance with NFPA 72, 1999 Edition. Refer to listee's Installation Instructions Manual for details.

**NOTE:**

1. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.
2. Formerly 7256-1093:113

02-06-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

**JUNE 17, 2003**

*Listing Expires **June 30, 2004***

Authorized By:

**DIANE K. AREND**, Senior Deputy  
Program Manager